

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002

Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
KCF	AA	4,428,972	01/1984	Wurzburg, et. al.	426	578	
KCF	AB	4,767,849	08/1988	Friedman, et. al.	536	102	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

KCF	AL	EP 0 796,868 ✓	9/24/97	Europe			
KCF	AM	WO 96/34968 ✓	11/07/96	PCT	C12N	15/82	
KCF	AN	EP A-0779363 ✓	12/11/96	Europe			
KCF	AO	WO 97/44472 ✓	11/27/97	PCT	C12N	15/82	
KCF	AP	WO 97/20936 ✓	06/12/97	PCT	C12N	15/52	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KCF	AR	✓	Albrecht, et. al., "Characteristics of Corn Starch and Starch Derivatives as Affected by Freezing, Storage and Thawing", 1960 Food Technology, January 1960, 14:57-63.
KCF	AS	✓	Kim & Eliasson, "Changes In Rheological Properties of Hydroxypropyl Potato Starch Pastes During Freeze-Thaw Treatments", J., Textural Studies (1993) 24, 199-213.
KCF	AT	✓	Burton, et. al., "Starch Branching Enzymes Belonging to Distinct Enzyme Families are Differently Expressed During Pea Embryo Development", 1995 The Plant Journal 7(1), 3-15.

EXAMINER *PRDanda*

DATE CONSIDERED 5-5-03

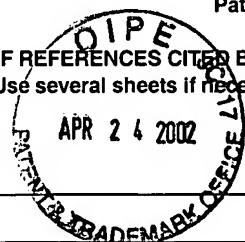
*EXAMINER: Initial if reference considered, whether or not citation is in compliance with MPEP 609; Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial N.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002



Applicant: J bling, et. al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appr - priate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

KCF	AL	WO 97/45545	12/04/97	PCT	C12N	15/54	
KCF	AM	WO 96/15248	05/23/96	PCT	C12N	15/52	
KCF	AN	WO 99/66050	12/23/99	PCT	C12N	15/54	
KCF	AO	WO 99/12950	03/18/99	PCT	C07H	21/00	
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KCF	AR	✓	(Denyer, et. al. "The Isolation and Characterization of Novel Low-Amylose Mutants of Pisum Sativum L.", Plant Cell Environ. 18, 1019-1026, 1995
KCF	AS	✓	Shure, et. al., "Molecular Identification and Isolation of the Waxy Locus in Maize", Cell 35, 225-233, 1983
KCF	AT	✓	Visser et al, "Inhibition of the Expression of the Gene for Granule-Bound Starch Synthase in Potato by Antisense Constructs", Mol. Gen. Genet. 225, 289-296, 1991

EXAMINER *JRK/Donda*DATE CONSIDERED *5-25-03*

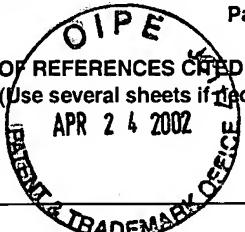
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002



Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KCF	AR	✓	Craig et. al., "Mutations in the Gene Encoding Starch Synthase II Profoundly Alter Amylopectin Structure I Pea Embryos", Plant Cell 10 413-426, 1998
KCF	AS	✓	Gao et. al., "Characterization of Dull1, a Maize Gene Coding for a Novel Starch Synthase", Plant Cell 10, 399-412, 1998
KCF	AT	✓	Wang et. al., "Characterization of Starch Structures of 17 Maize Endosperm Mutant Genotypes with Oh43 Inbred Line Background", Cereal Chem. 70, 171-179, & 521-525 1993

EXAMINER

Ronald

DATE CONSIDERED 5-5-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002

Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group 1C23

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	AL					
	AM					
	AN					
	AO					
	AP					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KCF	AR	✓	Gupta, et. al., "Expression of Abscisic Acid-Responsive Element-Binding Protein in Salt-Tolerant Indica Rice (Oryza Sativa L. cv. Pokkali)", Plant Mol. Biol. 37, 629-637, 1998
KCF	AS	/	Knight et. al., "Molecular Cloning of Starch Synthase I from Maize (W64) Endosperm and Expression in Escherichia Coli", Plant Journal, 14, 613-622 1998
KCF	AT	✓	Marshall et. al., "Identification of the Major Starch Synthase in the Soluble Fraction of Potato Tubers", Plant Cell 8, 1121-1135, 1996

EXAMINER

R. Condura

DATE CONSIDERED 5-5-03

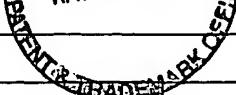
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Dock N. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002



Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group/623

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

AL						
AM						
AN						
AO						
AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KLF	AR	✓	Edwards et. al., Plant J. 8, 283-294, 1995
KLF	AS	✓	Koßmann et. al., "Starch Biosynthesis and Modification of Starch Structure in Transgenic Plants", Macromol Symp. 120, 29-38, 1997
KLF	AT	✓	Edwards et. al., Plant J. 17, 251-261, 1999

EXAMINER W. D. CondeDATE CONSIDERED 5-5-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several Sheets if necessary)

APR 24 2002

Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initials	TRADEMARK OFFICE	Document Number	Date	Name	Class	Subclass	Filing Date if Appr - Priate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KCF	AR	✓	Lloyd, et. al., "Simultaneous Antisense Inhibition of Two Starch-Synthase Isoforms in Potato Tubers Leads to Accumulation of Grossly Modified Amylopectin", 1999 Biochem. J. 338, 515-521
KCF	AS	✓	Grant, Sarah R., "Dissecting the Mechanisms of Posttranscriptional Gene Silencing: Divide and Conquer", 1999 Cell 96, 303-306.
KCF	AT	✓	Jorgenson, et. al. "Do Unintended Antisense Transcripts Contribute to Sense Cosuppression in Plants", 1999 Trends in Genetics 15, 11-12

EXAMINER

R. Domke

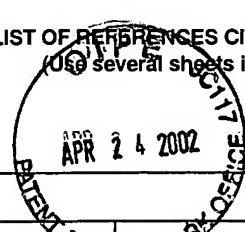
DATE CONSIDERED

5-5-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

Applicant: Jobling, et. al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initials	TRADEMARK OFFICE	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KLF	AR	✓	Dry et. al., "Characterization of cDNAs encoding two isoforms of granule-bound starch synthase which show differential expression in developing storage organs of pea and potato", 1992 Plant Journal 1992, 193-202.
KLF	AS	/	Munyikwa, et. al., "Cassava Starch Biosynthesis: New Avenues for Modifying Starch Quantity and Quality", 1997 Euphytica 96, 65-75.
KLF	AT	✓	Harn et. al., "Isolation and Characterization of the zSSIIa and zSSIIb Starch Synthase cDNA Clones from Maize Endosperm", 1998 Plant Mol. Biol. 37, 639-649

EXAMINER *R. R. Jones*

DATE CONSIDERED 5-5-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 7/80)U.S. Patent and Trademark Office
Patent and Trademark Office

Atty. Docket No. 1832

Serial No.
10/088,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APR 24 2002

Applicant: Jobling, et al.

Filing Date: 03/15/02

Group 1623

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	AL					
	AM					
	AN					
	AO					
	AP					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KLF	AR	✓	Tomlinson, et. al., "Major Differences in Isoform Composition of Starch Synthase Between Leaves and Embryos of Pea", 1998 Planta 204, 86-92.			
	AS					
	AT					

EXAMINER

R. R. Donde

DATE CONSIDERED

5-5-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.